

KAPA 好品質備受肯定
感謝全球瘋搶預購

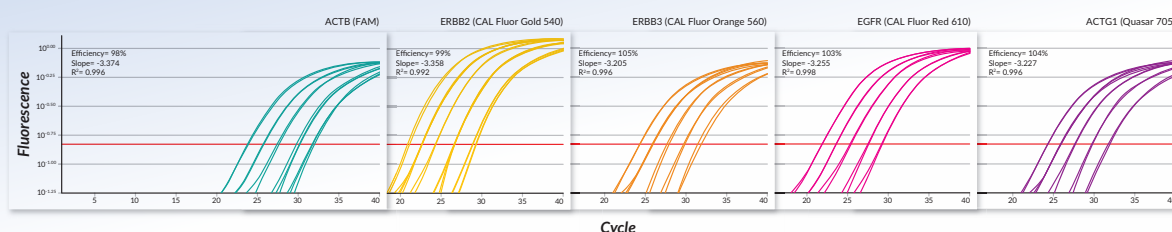
買50支送15支

MERCK

KAPA PROBE FAST qPCR Kits

精確，重複性好，適用於所有 PROBE-base qPCR 的應用

- 速度快，反應時間僅需 40 分鐘
- 適用 TaqMan probe, FRET probe, Molecular Beacon 系統
- 靈敏度高，專一性佳
- 可同時容納 5 種 probe 作用



Results for all 5 amplicons across a 5 point dilution series were obtained when assayed in penta-plex using a fast cycling protocol. Reaction volumes also included human genomic DNA (0.39 – 100 ng), 200 nM of each primer, and 200 nM of each hydrolysis probe (ACTB - FAM™/ BHQ[®]-1, ERBB2 - CAL Fluor[®] Gold 540/ BHQ-1, ERBB3 - CAL Fluor Orange 560/ BHQ-2, EGFR - CAL Fluor Red 610/ BHQ-2, ACTG1 - Quasar[®] 705/ BHQ-2) using the following fast cycling protocol: 95°C for 3 min followed by 40 cycles of 95°C, 15 sec; 60°C, 15 sec.

Cat No	Product	Size
KK4701	KAPA PROBE FAST Universal	1ml (100 rxns)
KK4705	KAPA PROBE FAST ABI Prism [®]	1ml (100 rxns)
KK4709	KAPA PROBE FAST Bio-Rad iCycler™	1ml (100 rxns)

KAPA PROBE FAST One-Step qRT-PCR Kits

可用於市面上各種機型，從 RNA 到 qPCR 結果，過程不到一小時！

- 操作快速，只需一管即可完成 qRT-PCR
- 使用 HotStart Taq，避免雜訊產生，提高反應效率
- 降低實驗過程污染的機率
- 適用於 hydrolysis probes (e.g., TaqMan) 與 displacement probes (e.g., molecular beacons)



qRT-PCR 一管 ok!

Step	Temp.	Duration	Cycles
Reverse transcription	42°C	5 min	Hold
Enzyme inactivation	95°C	2 – 5 min	Hold
Denaturation	95°C	3 sec	40
Annealing/extension/ data acquisition	60°C	≥ 20 sec	

Cat No	Product	Size
KK4752	KAPA PROBE FAST Universal One-Step qRT-PCR Kit	500 X 20 µl rxns

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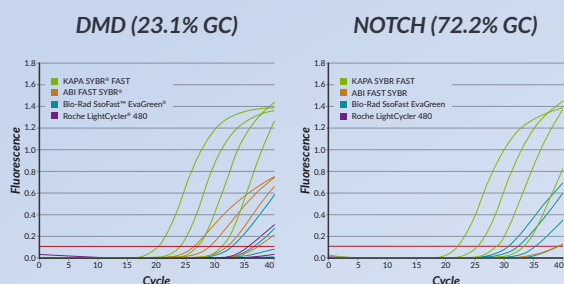
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KAPA SYBR® FAST qPCR Kit

第一支專為 qPCR 設計的酵素

- 速度快，反應時間僅需 40 分鐘
- 螢光訊號強
- 靈敏度高，專一性佳
- 應用廣



針對高 / 低 GC 含量的樣本，KAPA SYBR FAST 相比他牌產品，擴增效率更高，有更好的線性結果

Two target genes were amplified using a 10-fold dilution series of human genomic DNA (16 ng to 1.6 pg per 20 μ L reaction) comparing four commercial kits. KAPA SYBR FAST consistently provides high performance for accurate expression quantitation across a range of difficult targets.

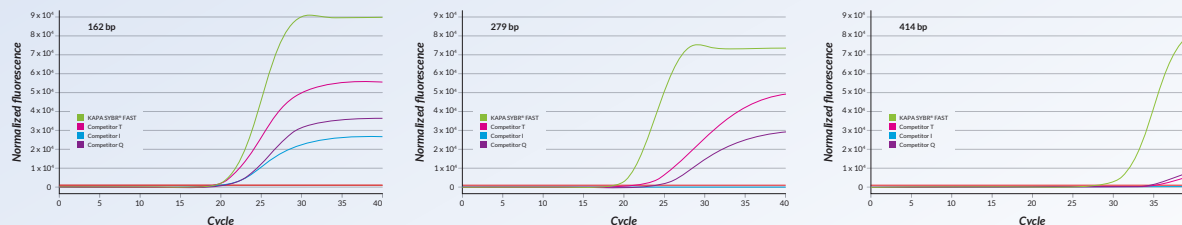
Cat No.	Product	Size
KK4600	KAPA SYBR® FAST Universal	1ml (100 rxns)
KK4603	KAPA SYBR® FAST ABI Prism®	1ml (100 rxns)
KK4606	KAPA SYBR® FAST Bio-Rad iCycler™	1ml (100 rxns)
KK4609	KAPA SYBR® FAST for Roche® LightCycler 480	1ml (100 rxns)

KAPA SYBR® FAST One-Step qRT-PCR Kits

從 RNA 到 qPCR 結果，過程不到一小時！

- 螢光訊號強、反應效率高
- 長片段產物 (414bp) 亦適用
- 絕佳的靈敏度與再現性，可偵測基因濃度低至 0.8pg/20 μ l
- 只要一管，避免繁複步驟造成之樣品汙染或結果差異
- 內含 M-MuLV 反轉錄酶+RNase inhibitor+KAPA 特有的 qPCR 專業酵素

適用於更廣泛的目標基因長度



MS2 bacteriophage RNA targets of increasing length were amplified at 0.8 pg per 20 μ L reaction. KAPA SYBR® FAST One-Step qRT-PCR Kit maintained high performance across all amplicon lengths.

Cat No.	Product	Size
KK4650	One-Step qRT-PCR Kit, Universal	1ml (100 rxns)
KK4660	One-Step qRT-PCR Kit, ABI Prism®	1ml (100 rxns)